

MATTINGLY, STANGER & MALUR, P.C.

JOHN R. MATTINGLY*
DANIEL J. STANGER
SHRINATH MALUR*

GENE W. STOCKMAN
Of Counsel
JEFFREY M. KETCHUM
Registered Patent Agent

* Bar Membership Other Than Virginia

PATENT, TRADEMARK
AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157

ATTORNEYS AT LAW
1800 DIAGONAL ROAD, SUITE 370
ALEXANDRIA, VIRGINIA 22314

(703) 684-1120

Date: October 15, 2003

Attorney Docket No. H-1114

CUSTOMER NO. 24956

17858 U.S.PTC
10/684375



15915 U.S.PTO
101503

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir: Transmitted herewith for filing is the patent application of:

Inventor: S. KANNO et al (see attached)

For:
CATALYTIC EXHAUST GAS DECOMPOSITION APPARATUS AND
EXHAUST GAS DECOMPOSITION METHOD

Enclosed are:

5 Sheets of Drawings

This application is being filed without an executed Declaration.

Priority is claimed from Japanese Application No. 2003-110980
filed April 16, 2003

A certified copy is attached herewith. (which is hereby
incorporated by reference)

Copies of the disclosure documents listed on the attached PTO 1449 form and
 discussed in the specification or attached Information Disclosure Statement.

Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.

Specification: Abstract , Description 21 pages; and 19 claim(s).

Preliminary Amendment.

Executed Declaration.

The filing fee is calculated as shown below:

Small Entity

Large Entity

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	19 -20 = * 0	
Indep Claims	3 - 3 = * 0	
<input type="checkbox"/> Multiple Dependent Claim (s)		

* If difference is less than zero
then enter '0' in second column

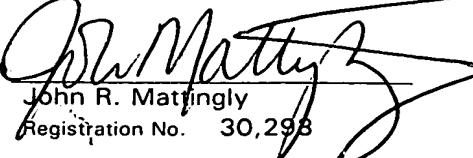
Rate	Fee
	\$ 375
x 9	\$
x 42	\$
+ 140	\$
Total	\$

Rate	Fee
	\$ 770
x 18	\$ 0
x 84	\$ 0
+ 280	\$ 0
Total	\$ 770

A check or credit card payment form in the amount of \$ 770.00 is enclosed for the filing fee.

The Commissioner is hereby authorized to charge any additional fees that may be required to
Deposit Account No. 50-1417.

Respectfully Submitted,

By: 
John R. Mattingly
Registration No. 30,298

LIST OF INVENTORS' NAMES AND ADDRESSES

Shuichi KANNO, Hitachi, JAPAN;

Shin TAMATA, Higashiibaraki-gun, JAPAN;

Kazuyoshi IRIE, Hitachi, JAPAN;

Kenji YAMAMOTO, Hitachinaka, JAPAN;

Masayuki TANIGUCHI, Hitachinaka, JAPAN;

Osamu ITO, Hitachiohta, JAPAN;

Hironobu KOBAYASHI, Hitachi, JAPAN.